

ANCHORAGE AMATEUR RADIO CLUB  
FEBRUARY NEWSLETTER

CALANDER

FEBRUARY 2.....GENERAL CLUB MEETING ROOM 123 CONSORTIUM LIBRARY  
UNIVERSITY OF ALASKA CAMPUS 7PM  
FEBRUARY 6.....PARKA MEETS BETH ANDERSON WD9DDO's 248 A CHILKOOT  
AVE ON FT. RICH 7:30PM  
FEBRUARY 6.....NOVICE CLASS STARTS TOURISM ROOM CAREER CENTER  
2650 EAST NORTHERN LIGHTS 7PM  
FEBRUARY 15.....BOARD MEETING FRANK DRAKE KL7IPV's 7PM  
FEBRUARY 16,17 &18 FUR RONDY DOG RACES  
FEBRUARY 16.....SOCIAL TIME AND PLACE TO BE ANNOUNCED  
FEBRUARY 24.....IDITAROD RACE START

| NETS                         |                         |               |
|------------------------------|-------------------------|---------------|
| ARES.....                    | WEEKLY ON THURSDAY..... | 8PM 146.52    |
| SNIPER.....                  | DAILY.....              | 6PM 3.920     |
| SOURDOUGH.....               | MON-FRI.....            | 6:30PM 3.915  |
| GRUBSTAKE.....               | DAILY.....              | 7:30PM 3.940  |
| SEASAW.....                  | DAILY.....              | 4:30PM 3.900  |
| DX ASSN.....                 | DAILY.....              | 7:30PM 3.895  |
| ALASKA PACIFIC ROLL CALL.... | MON-FRI.....            | 8:30AM 14.292 |

CLUB PHONE 344-2835 Up to date goings on. Call Lucy 349-4891  
with anything for the tape or leave it on the tape after beep.

SOCIAL I did not get to the last social but have heard that about  
eighteen people enjoyed the tour of the flight service station  
the FAA provided. The next social will be the evening of the first  
day of the Rondy dog races and will probably be an eating type  
social.

NOVICE CLASSES Dave KL7IYH and Steve KL7JAA are going to have  
novice classes Tuesday and Thursday nights starting Feb. 6 It  
will take fifteen dollars for course materials and be 7 to 9PM  
in the tourism room at the career center. Spread the word to  
one and all about these classes. I'm sure all of you have had  
someone ask how they can get started, remember who that was and  
give em a call.

BLOOD BANK WE have arrangements with the Blood Bank of Alaska  
Inc. which is located 1020 I street to give blood as a group and  
if any member of the club needs blood it can be drawn against  
the clubs account. All who have good blood should go down and  
give some of it. Betty KL7AP, Wilse KL7CQ, Dave KL7HAB and  
XYL give on a regular basis. We should all make the effort to  
get down there soon.



AUTOPATCH It has been suggested that a few words on the autopatch use be put in the newsletter. The thought is that we should all bend over backwards to make sure we operate within the rules. The shady areas should probably be avoided such as calling the office to say you are late. If you never call your place of business there will be no question of whether or not that particular call pertains to business. Note that the time of day phone number carries advertisements so maybe thats another call not to make. Of course sometimes the autopatch does not function properly and comes up with a shady area on its own; however lets not make the questionable calls by intent.

UNIVERSITY OF ALASKA AFFILIATION Since this is the first newsletter of the year we should recognize once again that we are a part of the University of Alaska and are using their room to meet in. We do have a signed agreement with them to the effect that we are a group with educational possibility. Also non-profit and stuff like that there.

Bill, KL7IKR and Pat KL7IUP gave me this next from N9CQ via a ham newsletter but I don't have the proper credit for the original newsletter. Ask Bill or Pat about it.

"QRP Portable KL7

de N9CQ

The pilot said he couldn't allow me to operate my HT220 on board the aircraft, which meant that I couldn't even listen. Soon enough we were landing in Anchorage, the coastal city shrouded by long low clouds suspended in a blue haze. My friends KL7IKR and KL7IUP were right there for a FB eyeball QSO. After a few days rest, we set the Argonaut 509 (2w PEP, cw output) in one Subaru (a tough 4WD vehicle) to communicate with the Triton IV in the other Subaru and set off on our long drive to the arctic circle town of Circle City, which is about 850 miles N of Anchorage. First, we stopped in to Mt McKinlet to visit with a group of friends who were camping there. I wasn't lucky enough to see Denali, as the tallest mountain in North America is called by the natives. Between chatting with my friends in the other car I worked an occasional Japanese on 20 ssb. Seems like we hit every bump in the endless serpentine road, with miles of dust flying behind the cars like diffuse tails. We camped and drove for about a week in getting to Circle City, which was not any bigger than 22 people living at the end of the road, the farthest north point on the continent. We stopped into the Yukon Trading Post and checked out the gold nuggets, ivory carvings, jade and ivory jewelery, raw wolf skins, muskrat beaver, etc. There were the ceremonial masks of the eskimos who live in these parts. The back half of the post was a diner and had an average breakfast for 7.50 each. Then we transferred the second canoe to the first car, strapped both of the canoes together, filled them up with our packs, then 3 adults, 2 dogs



N9CQ continued

and enough supplies to last ten days and bounded, careened, screeched and bottomed out all the way to Eagle, the river town of 227 people. Eagle is 3500 feet in the mountains just west of the Yukon River from Dawson and Whitehorse. The nearest law in these parts was 450 miles south, in Fairbanks. Yep, what with all the wild critters I knew we would see I was alarmed to see a (???) dedicated to the partners of a gold claim who were shot to death while working their claim a few months earlier. The guilty parties were still at large and we were heading that way. Trepidation aside, we put both canoes in the huge river. One canoe was whitewater fiberglass canoe, and the other a molecular heavy polymer canoe. Both rode low in the yellow, gritty water, and wallowed among the whirlpools and strong currents, scraped and bumped along the rock islands and sand spits crowding the mile or better wide river. We had 160 miles to go, and I was getting a bit tired knowing I would be paddling one canoe alone for that distance. We kept in touch for the 5 day trip between canoes with 2m HT's. At night we pulled in together, the three of us set up camp, send the dogs to patrol the island we had chosen for the night to make sure the bears were somewhere else. We would string out about 130 feet of 22 ga. wire from a tree down the island beach to a tuner, then run the same amount of wire on the ground parallel to the water, bring out the lantern batteries and give a CQ. We made contacts on 20, 15, 10 ssb and cw, some stateside stations, some Canadian, and many Japanese. When the temperature dipped down around 33 degrees as night and the fog rolled in, we were glad to have a warm and roaring fire, a working radio and hot coffee. We ate Freeze Dried foods which are a snap to prepare and traded places at the operating consol which was usually a washed up tree or a huge rock. We checked into the ssb net out of Anchorage so everyone would know we were alright. Three people had drowned earlier in the week, and two who disappeared 6 weeks before had not been found so there was concern for our safety. Five days after starting on the river, just at twilight we came upon Circle and were greeted by the blaring blast of the Yukon steamer moored along the shore. Laughing native girls, drunk on peppermint schnapps strolled around being friendly. Germans were the only visitors we found, and pretty soon we were singing and dancing and drinking with them. Then we were treated to a spectacular display of the northern lights, which swirled and poured as though they were contained in a magnetic bottle, fading, pulsating, streaming into disappearance, flashing blue red, white, pink, violet and green. I sure longed for my KW 2m rig.

After we got back to Anchorage, we went to the state fair at Palmer, and I won a door prize at the local radio club meeting. I am sorry to say I missed the ARRL convention.

This article is edited a little bit and I have added my typing errors to it but I enjoyed reading it and hope you do also.



## ARRL FORUM

Just a few comments at random, this month.

The League has instituted a program through an insurance broker a plan for amateurs to insure their rigs against theft and other property-related perils. I don't have the exact details on it at hand, but I shall have it ready in full for next month's bulletin. The basic rates seem quite reasonable, but I believe that there is a basic minimum coverage required for participation. I do know that all station equipment must be covered. Details coming up.

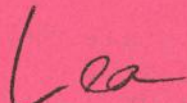
For those who delight in criticizing QST for lagging behind the times in their technical articles, I call your attention to the recent articles outlining the theory and constructional details on Narrow Band Voice Modulation that have appeared in the last 3 issues. Dan Krushensky, AL7S, has a demonstration tape which shows to the best advantage what NBVM will do in a heavy ORM situation. I haven't heard it all, but it is quite effective in cutting down the trash encountered in voice communications on our crowded bands. If we don't gain much band space at the next WARC, we will need something like it in order to be able to handle the crowding we shall be encountering over the next few years. One thing that should make it quite attractive to most of us is that the entire process takes place at audio frequencies, eliminating the necessity of butchering one's SSB rig. This is also covered in the 1979 ARRL Handbook, in slightly condensed form. All the details for home construction are given, but I would recommend that one wait until a commercially prepared board becomes available-- that's a lot of etching and drilling. The manufactured unit retails for about \$350; so home construction isn't going to be cheap, but I'd bet that with care, it could be done more reasonably.

For the benefit of our benighted SCM, Roy Davie, I don't care how you read my name. I am definitely not female. I appreciate your response to my last month's column, but the title of MS grates. Roy.

For those who have any questions about the League, or for those who have pet projects that are League related, I would like to hear from you, so that I have some more definite ideas for material. My home number is 349-1306, or by mail, my address is 1200 W. Dimond, Sp. 523, Anchorage, 99502.

This clears the hook for January, so keep those obscene letters and phone calls coming.

73,



H. Lea T. Ball, AL7W  
ARRL Committee Chairman



## A solid state article for KL7JKE

In the serene tranquility of the ashram meditation room, amid wafting incense and the sounds of sitars, technologists of Natural Semiconductor Corporation today quietly unveiled an ultimately evolutionary solid-state device that will open vast new unmanifest frontiers to the field of integrated electronics.

Named by its inventors as the "Gnomic Utopian and Recondite Ultimate" Device (known by its initials as the "GURUDEV"), the advanced electronic circuit is the first example of CSI (Cosmic-Scale Integration, which is infinitely better than large-scale stuff).

The GURUDEV which has been designated as the model "OM-108" is expected to find wide use in providing subjective evaluation and advice for people in all walks of life-much as the computer provides objective evaluation of data.

Dr. Morris Breakthrough, for whom many technical advancements have been named, explained that he and his colleagues, Dr. Poisson d'Avril and Swami Tritop Catchababana, have been working for years on methods of applying what they call the Principle of Bestowed Objectivity.

"You see," Breakthrough said, "when our laboratory pushed at the limits of objectivity, the barriers between us and the unknown grew so fine that they became interrelated with us and with our perception of them. When we dismissed them from our minds and shut off our computers, the limitations vanished.

It was a perfect application of the Principle of Vernal Wquivalence to the age-old problem of selective indifference, and through these mechanics of inactivity we found that our knowledge of objectivity depended on our state of mind and was therefore wholly subjective.

"Through a rather ingenious application of the Heissluft Theory of Positive Petrogression (HTPR), we were able to build a mathematical model of platonic subjectivity. The first ten people to write their names and calls on the right hand side of the black board at the Feb 2 meeting will get a free door prize ticket. It was then a simple matter for d'Arvil and Catchabana here, to reduce the model to practice in the form of the GURU DEV Model OM-108 integrated circuit."

In a typical Empathuter\*, the GURU forms the heart of a section known as the "Compressed Narthex Shrove Uction System" (named by its initials CONSHUNS). When CONSHUNS is consulted for subjective evaluation, the GURU accepts input from the CNPU (Central Non-processing Unit). The CNPU essentially does nothing and thus prevents distortion and worsening of the situation.

Within seconds, the GURU circuit electronically requests comparison information from the FOM (Fish-Only Memory), which fishes for remembrances of things past. Results of the comparison are electronically transferred to the WOM\* (Write-Only Memory) where they are stored permanently and never seen again.



ADS

Chuck WL7 ABT would like to borrow a book on the SB 100 so that he can refurbish his. Call 279-5301

-----  
Ameco R5 All wave receiver \$25.00 call Larry KL7JFO 274-4795

-----  
FOR SALE \$750.00 TR4 Transceiver, RV4 VFO, AC and DC power supplies... new tubes and finals, lots of spare tubes AGC on/off installed (boosts modulation output from 40% to 95%) 34NB noise blanker factory installed....Radio in new condition....Receiver peaked and new tubes Nov. 78 call KL7IPV Frank Drake 243-4082

-----  
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-----  
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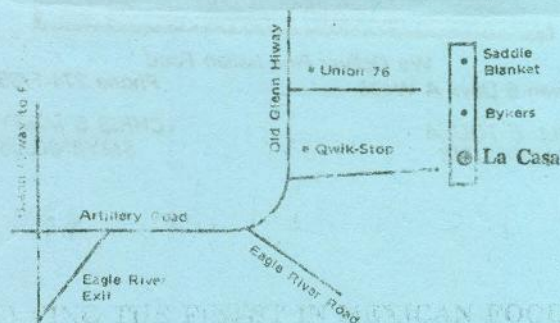
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**H. K. (Keith) Beeson, Dealer**



From the Southwester, Bulletin of the Southwest Tfc net....

#### Association Bones

The Wishbone, who keeps wishing someone else would get something done.

The Jawbone always talking, but doing little else.

The Knuckle bone ready to knock anything anyone else does.

The Backbones who keep the whole association together, stand up straight, and get things done!

---

#### TECH TIP

##### THE LAW OF THE SOLID GOOF

In any collection of data, the figure that is most obviously correct - beyond all need of checking - is the mistake.

Corollary I - No one whom you ask for help will see it, either.

Corollary II - Everyone who stops by with unsought advice will see it immediately.

A further series of rules - or really advice to experimenters has been formulated. They are a natural consequence of the first four laws reduced to day to day practice.

Experiments must be reproducible - they should all fail in the same way.

First draw your curves - then plot the readings.

Experience is directly proportional to the equipment ruined.

A record of data is useful - it indicates you've been working.

#### WORDS OF WISDOM

Don't let yesterday use up too much of today.

Not really part of the tech tips dept, however some will use formula and rules for you to file along with ohms law, and other things that we need to remember from time to time. These are of course in addition to the well known Murphy's Laws which states, in part, that if anything can go wrong it will.

Negative expectations yield negative results. Positive expectations yield negative results

An object will fall so as to do the most damage.

An observation on Murphy's Law, Murphy was an optimist.

Fred's First Law: When in doubt, mumble.

The following is an explanation of terms often heard in business today....Many you will recognize.

We are making a survey. "I need more time to think up an answer" Submitting this for your comment..... I don't have the slightest idea myself.

Submitting this for your approval... We're passing the buck.

Orientation....Look busy until we find something for you to do.

Coordinator... an executive with a desk between two expeditors.

Came up thru the ranks....worked one summer in the shipping department.



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